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ABSTRACT OF THE DISCLOSURE

A laser scanning unit is provided. It comprises a housing; a scanning device; a pre-scan assembly generating a light beam and directing the light beam toward the scanning device; and a post-scan optical assembly receiving a scanning beam reflected from the scanning device and causing the beam to traverse a photoconductive member along a scan path. The post-scan optical assembly comprises a sensor for detecting the beam at a start-of-scan location and an end-of-scan location along the scan path.